

**TECHNICAL DATA SHEET****SEAMASTER 9600-9655/9644 ISOLUX GLOSS/MATT CLEAR FINISH**

**Description** 9600-9655 / 9644 Isolux Gloss / Matt Clear Finish is a two components polyurethane coating which gives outstanding resistance to severe weathering, high abrasion resistance, excellent solvent and chemical resistance e.g. acid, alkaline, very high gloss and gloss retention.

**Surface Preparation** Must be applied to a suitably sanding sealer primed surface (e.g. 9600-1603). The surface of the primed surface must be clean, dry and free from grease.

**Physical Properties**

Vehicle Type	Polyol / Isocyanate		
Mixing Ratio	<u>Paint (V)</u>	: <u>Hardener (V)</u>	: <u>Thinner (V)</u>
a) Roller application	4 (Matt)	: 1 (#893)	: 0
b) Spray application	4 (Matt)	: 1 (#893)	: 0 ~ 25%
c) Roller application	4 (Gloss)	: 1 (#893)	: 0 ~ 25%
d) Spray application	4 (Gloss)	: 1 (#893)	: 25 ~ 50%
Density (kg / litre)	1.00 ± 0.10 (depends on colours)		
Pot Life	3 hrs ± 5 hrs		
Flash Point	> 32°C (90°F) – Part 1 32°C (90°F) – Part 2 32°C (90°F) – Mixed		
Dry Film Thickness	40 microns 1.6 mils thickness (d.f.t.)		
Wet Film Thickness	66 microns (2.6 mils)		
Volume Solid Fraction	0.45		
Drying Time at (27 ± 2°C & RH 80 ± 5%)	Surface Dry	≤ 30 mins	
	Touch Dry	≤ 2 hrs	
	Hard Dry	≤ 6 hrs	
Recoating Interval	16 (minimum), 2 days (maximum)		
Theoretical Coverage	Calculated from 0.45 volume solid fraction to give 40 microns (1.6 mils) d.f.t will be of 11.25 m <sup>2</sup> / litre and 454 sq ft / US gal		
Colour	Colourless		
Finish	Gloss & matt		
Storage Condition	Air tight, store in dry and cool condition		
Application Temperature	5°C to 40°C		

**Application Method**

	By airless spray, brush and roller. Wear airfed hood for spray application. Conventional spray wear suitable protection equipment.		
Airless spray tip range	15 ~ 18 thou		
Fluid pressure	2500 ~ 3000 psi (176 ~ 211 kgs / cm <sup>2</sup> )		
Thinning	If necessary, use S7713 Thinner		
Cleaner	Use S7713 Thinner		



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**Performance and Limitation** Sensitive to moisture during storage and application. Avoid long periods of curing especially at high ambient temperature otherwise intercoat adhesion will be impaired. Curing will not be satisfactory when ventilation is poor. Take precautions as it contains isocyanates, wear airfed hood for spray application.

#### Product Liability

The Seller warrants the product to be free from manufacturing defects in material and workmanship. The Seller's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited at the Seller's option, to either replacement of products not conforming to this warranty or credit to the Buyer's account in the invoiced amount of the non-conforming products.

The Seller makes no other warranties concerning this product. No other warranties, either express or implied, or satisfactory, and as warranties or merchantability or fitness for a particular purpose, shall apply. In no event shall the Seller be liable for consequential or incidental damages. Any recommendations or suggestion relating to the use of the products made by the Seller, whether in its technical limitation, or in response to specific inquiry, or otherwise, is based on data believed to be reliable, however, the products and information are intended for Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that the Buyer has done so, at its sole discretion and risk. Variation in environment changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

